

AMENDMENTS TO THE SPECIFICATION

IN THE SPECIFICATION

Amend the paragraph beginning on page 24, line 27 and ending on page 25, line 13 as follows:

Fig. 1 is a diagram showing the concept of structural analysis in both gene region and non-gene region.

Fig. 2 is a diagram showing an outline of the construction of a trap vector and the gene trapping according to the invention.

Fig 3 is a diagram showing the structure of *loxP* ~~(SEQ ID NOS: 3 and 17)~~ (top sequence-SEQ ID NO: 3; bottom sequence-SEQ ID NO: 17).

Fig. 4 is a diagram showing recombination between *lox71* and *lox66* (SEQ ID NOS: 15 (lox71), 16 (lox66), 6 (lox71/66), and 3 (loxP)).

Fig. 5 is a diagram showing insertion of a DNA fragment when mutant *loxP* sequences are used.

Fig. 6 is a diagram showing trap vectors of the invention.

Fig. 7 is a flow chart showing the construction of a trap vector pU-Hachi.

Fig. 8 is a diagram showing the two-step exchangeable gene trapping of the invention.

Fig. 9 is a diagram showing an outline of the establishment of trap lines by production of chimeric animals.

Fig. 10 is a diagram showing various positions of integration of trap vectors.

Fig. 11 is a photograph showing a bending mutation in the tailbone in mouse.

IN THE SEQUENCE LISTING

Please replace the Sequence Listing filed on February 27, 2004 with the Substitute Sequence Listing enclosed herewith.